

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims, which replace all previous versions and listings of the claims.

1. (currently amended) A method for collaboratively handling an image data set, comprising the steps of:

initiating a collaborative session on an application server connected to a network;
joining one or more collaborative workstations on the network to the collaborative session, such that the one or more collaborative workstations and the application server comprise participating nodes of the collaborative session; and

providing one or more routines stored on the application server to the participating nodes, wherein the one or more routines are useful for at least one of processing or [[and]] analyzing an image data set.

2. (original) The method as recited in claim 1, wherein the two or more of the participating nodes located at separate respective locations.

3. (currently amended) The method as recited in claim 1, comprising the steps of:

acquiring the image data set via an imager attached to a scanner console; and
saving the image data set on at least one of the scanner console or [[and]] a PACS system, wherein one of the scanner console and the PACS system upon which the image data set is saved serves as the application server.

4. (original) The method as recited in claim 1, wherein the one or more collaborative workstations comprise thin clients.

5. (original) The method as recited in claim 1, comprising the step of:

providing audio communication between the two or more of the participating nodes via the network.

6. (original) The method as recited in claim 1, comprising the step of:
processing the image data set at one or more of the participating nodes using the one or more provided routines.
7. (original) The method as recited in claim 1, comprising the step of:
analyzing one or more images generated from the image data set at one or more of the participating nodes using the one or more provided routines; and
reviewing the analysis of the one or more images.
8. (currently amended) The method as recited in claim 1, comprising the step of:
attaching a multimedia object to at least one of the image data set or ~~[[and]]~~ an image derived from the image data set.
9. (currently amended) One or more computer-readable media~~A computer program, provided on one or more computer-readable media, for providing a collaborative imaging system environment~~, comprising:
a routine for initiating a collaborative session on an application server connected to a network;
a routine for joining one or more collaborative workstations on the network to the collaborative session, such that the one or more collaborative workstations and the application server comprise participating nodes of the collaborative session; and
a routine for providing one or more routines stored on the application server to the participating nodes, wherein the one or more routines are useful for at least one of processing or ~~[[and]]~~ analyzing an image data set.
10. (currently amended) The one or more computer-readable media ~~program~~ as recited in claim 9, wherein the one or more routines comprise at least one of a processing routine or ~~[[and]]~~ a visualization routine.

11. (currently amended) The one or more computer-readable media program as recited in claim 9, further comprising:

a routine for acquiring the image data set via an imager attached to a scanner console; and

a routine for saving the image data set on at least one of the scanner console or ~~[[and]]~~ a PACS system, wherein one of the scanner console and the PACS system upon which the image data set is saved serves as the application server.

12. (currently amended) The one or more computer-readable media program as recited in claim 9, wherein the one or more collaborative workstations comprise thin clients.

13. (currently amended) The one or more computer-readable media program as recited in claim 9, further comprising:

a routine for providing audio communication between the two or more of the participating nodes via the network.

14. (currently amended) The one or more computer-readable media program as recited in claim 13, wherein the routine for providing audio communication generates a multicast audio connection using network socket inter-process communication.

15. (currently amended) A collaborative imaging system, comprising:

one or more collaborative workstations configured to participate in a collaborative session via a network; and

an application server configured to host a collaborative session such that the one or more collaborative workstations and the application server comprise participating nodes of the collaborative session, wherein the application server provides one or more routines useful for at least one of processing or ~~[[and]]~~ analyzing an image data set to the participating nodes.

16. (original) The collaborative imaging system as recited in claim 15, wherein the one or more collaborative workstations comprise thin clients.

17. (original) The collaborative imaging system as recited in claim 15, wherein the application server comprises a scanner console associated with an image acquisition system.

18. (original) The collaborative imaging system as recited in claim 15, wherein the application server comprises a PACS system.

19. (currently amended) The collaborative imaging system as recited in claim 15, wherein the one or more routines comprise at least one of a processing routine or ~~[[and]]~~ a visualization routine.

20. (currently amended) A collaborative imaging system, comprising:

means for initiating a collaborative session on an application server connected to a network;

means for joining one or more collaborative workstations on the network to the collaborative session, such that the one or more collaborative workstations and the application server comprise participating nodes of the collaborative session; and

means for providing one or more routines stored on the application server to the participating nodes, wherein the one or more routines are useful for at least one of processing or ~~[[and]]~~ analyzing an image data set.